

FLYWHEEL WITH TORSIONAL DAMPEN- ING RING

Abstract

An apparatus and method for constructing a flywheel assembly is disclosed. The flywheel assembly includes a flywheel hub that is constructed to engage a crankshaft of an internal combustion engine. A ferrous ring is attached to the flywheel hub with an elastomer ring positioned therebetween. The elastomer ring isolates the ferrous ring from the flywheel hub such that the ferrous ring resonates at a frequency that substantially reduces the amplitude of the resonance of the crankshaft and flywheel. Such a construction effectively dampens the torsional resonance of the engine and provides for smoother operation.